AEE/SSD/SBR/000034 dt. 18/07/18

I st & final bill

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

66407

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Sri. Nagesh. S. Shrusti Samrupadha Constructions.

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Name of work :- construction of Rcc drains 7th and 9th cross Kalyana Nagara in ward No. 13. Shettyhalli Sub-division. | | | | | | |
| | Job code :- 013-18-000027 | | | | | | |
| | A. A :- EE/DD/AS/544/17-18. Dt :- 24/11/2017. | | | | | | |
| | T. S :- EE/DD/TS/343/17-18. Dt :- 12/12/2017. | | | | | | |
| | Work order :- EE/DD/WO/247/17-18. Dt :- 28/02/2018. | | | | | | |
| | Est cost :- Rs. 22.00 Lakhs. | | | | | | |

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**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

66408

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions: Length | Dimensions: Breadth | Dimensions: Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 3. | providing and laying in position plain cement concrete of mix 1:4:8 with opc cement @ 180 kg, with 40mm & downsize graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick. It is completed as per specification | | | | | | |
| | a) Using available Jelly / Boulders @ Rs. 4443.52/m³ | | | | | 40.46 m³ | Rs. 179784=82 |
| | b) Balance qty 10.96 m³ @ Rs. 5159.02 | | | | | | Rs 56542=86 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 4. | providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm & downsize graded granite metal coarse aggregates @ 0.69 cum & fine aggregates @ 0.43 cum, machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation, plinth & cills. It is completed as per specification. | | | | | | |
| | 7th cls Kalyan nagar (N/S) | 2 | 30.00 | 0.15 | $\frac{0.58+0.6}{2}$ | 5.31 | |
| | | 2 | 30.00 | $\frac{0.15+0.16}{2}$ | $\frac{0.6+0.6}{2}$ | 5.62 | |
| | | 2 | 21.80 | $\frac{0.16+0.1}{2}$ | $\frac{0.6+0.59}{2}$ | 4.02 | |
| | 7th cls Kalyan nagar (S/S) | 2 | 30.00 | $\frac{0.15+0.17}{2}$ | $\frac{0.6+0.62}{2}$ | 5.85 | |
| | | 2 | 30.00 | $\frac{0.17+0.16}{2}$ | $\frac{0.6+0.59}{2}$ | 5.99 | |

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**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. .....

66409

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 9th cls Kalyan nagar (S/S) | 2 x | 22.20 x | $\frac{0.16+0.15}{2}$ | $\times\frac{0.59+0.6}{2}$ | 4.09 | |
| | | 2 x | 30.00 x | 0.15 x | $0.58+0.6$ / 2 | 5.31 | |
| | | 2 x | 30.00 x | $\frac{0.15+0.17}{2}$ | $\times\frac{0.6+0.62}{2}$ | 5.85 | |
| | | 2 x | 6.70 x | $\frac{0.17+0.14}{2}$ | $\times\frac{0.62+0.59}{2}$ | 1.26 | |
| | 11th cls Kalyan nagar | 1 x | 30.00 x | $\frac{0.15+0.17}{2}$ | x 0.30 | 1.44 | |
| | | 1 x | 18.00 x | $\frac{0.15+0.14}{2}$ | x 0.25 | 0.65 | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Vide qty pg # 66467 | | Add Raft qty (+) | | | 73.33 m³ | |
| | | | | | | 118.68 m³ | |
| | | | @ Rs. 5874.52/m³ | | | — | Rs 697188=00 |
| | | | | | | | 697423=00 |
| 5. | Providing and removing. centering, shuttering, strutting, proping etc and removal of form work for vertical surface such as walls at any thickness, including attatched 1 pilasters, buttress, plinth cills & string courses. It is completed as per specification | | | | | 922.26 | |
| | | | | | | 928.26 m² | |
| | | | @ Rs. 310.58/m² | | | — | Rs. 288298=00 |
| | | | | | | | 286436=00 |

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**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. .....

Name of work ..... From ..... To ..... 66410

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 6. Providing T.M.T. steel reinforcement for R.C.C. works including straightening, cutting, bending, hooking placing in position, lapping and/or welding wherever required, tying with binding wire & anchoring to the adjoining member wherever necessary. It is completed as per specification. | | | | | | |
| | Vide Qty pg # 66469 | | | | | 7.60 | Tonne |
| | | | | | | | @ Rs. 64243.42/Tonne — Rs. 488149=00 |

7.60 Tonne 45+413=00

Rs. 488149=00

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 7. | Providing & laying reinforced cement precast slabs of mix CC 1:1½:3 using 20mm ℄ downsize graded Granite metal using HYSD 10mm dia c/c both ways. It is completed as per specificaton. 4th cls Kalyan nagar | 1× | 30.00× | 0.90 | – | 27.00 | |
| | | 1× | 34.60× | 0.90 | – | 31.14 | |
| | | 8× | 0.60 | ×0.90× | 0.60 | 4.32 | |
| | | 10× | 0.90× | 0.60 | – | 5.40 | |
| | | | | | | 67.50 $m^2$ | |
| | | | @ Rs. | 1680.00/$m^2$ | | — | Rs. 113400=00 |

Cbd ∝ Re

25/5/18

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

18-9334 ಎಲ್ಲಾ

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Audited and admitted for Rs. 1879334=00

Passed by Cheque for Rs. 1814302=00

=

Serial No. .....

Name of work ..... 65032=00

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Accounts Superintendent Exe. Engineer

M. A. R. 57

Measurem

No. D

66411

From ..... .....

.....

| Date | Full description, etc. of work | Number | Dimensions: Length | Dimensions: Breadth | Dimensions: Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | Total => Rs. 196537/=00 | |

Certificate :-

Certified that the work is done satisfactorily.

Contractor

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್ ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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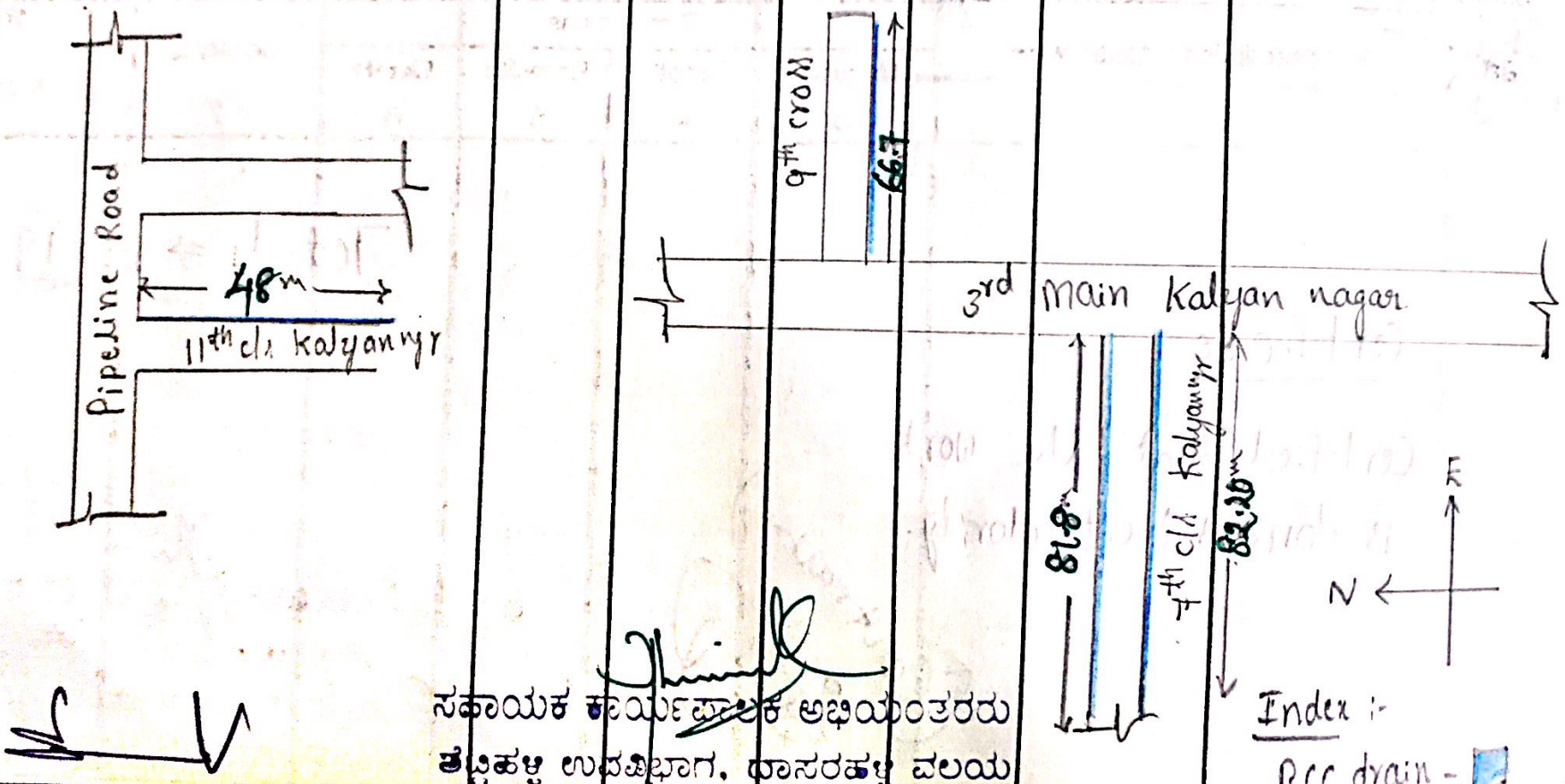
# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |




ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ತಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಥಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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(Premeasurment)

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. ...Construction of RCC drains at 7th and 9th cross in 66463

Name of work ...kalyan nagar in... From ward No.13 Shilpahalli sub division.

Name of Contractor of nature of Agency...Sri. Nagesh. S. Shruti Samupaddia Constructions.

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions | | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | | Length | Breadth | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1. | Earthwork excavation by manual means in ordinary soil involving an average horizontal through upto 2m & an average lift upto 1.5m, excavated surface levelled & sides neately dressed, the disposed earth to be levelled neatly after breaking of clods. It is completed as per specification. | | | | | | |
| | 7th cs kalyan ngr (N/s) | 1× | 30.00× | 1.00× | 1.10 | 33.00 | |
| | | 1× | 30.00× | 1.15× | 1.15 | 39.68 | |
| | | 1× | 21.80× | 1.15× | 1.15 | 28.83 | |
| | 7th cs kalyan ngr (S/s) | 1× | 30.00× | 1.15× | 1.15 | 39.68 | |
| | | 1× | 30.00× | 1.15× | 1.15 | 39.68 | |
| | | 1× | 22.20× | 1.15× | 1.15 | 29.36 | |

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**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. ..... 66464

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions: Length | Dimensions: Breadth | Dimensions: Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1× | 6.70× | 0.35× | 0.25 | 0.59 | |
| | | | | | | 354.61 $m^3$ | |
| | 2. Removing of BS slab of drain & stacking. It is completed as per specification. | | | | | | |
| | 7th cl. Kalyan nyr (N/S) | 1× | 30.00× | 1.50× | – | 45.00 | |
| | | 1× | 30.00× | 1.50 | – | 45.00 | |
| | | 1× | 21.80× | 1.50 | – | 32.70 | |
| | 7th cl Kalyan nyr (s/s) | 1× | 30.00× | 1.50 | – | 45.00 | |
| | | 1× | 30.00× | 1.50 | – | 45.00 | |
| | | 1× | 22.20× | 1.50 | – | 33.30 | |

Checked

3/3/18

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಶಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಎಸ್.ಎಂ. ರಸ್ತೆ, ಆಡುಗೋಡಿ, ಬೆಂಗಳೂರು-560 047

3/3

Scanned with CamScanner

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 9th cls kalyan ngr(S/S) | 1× | 30.00× | 1.15× | 1.15 | 39.68 | |
| | | 1× | 30.00× | 1.15× | 1.15 | 39.68 | |
| | | 1× | 6.70× | 1.15× | 1.15 | 8.86 | |
| | 11th cls kalyan ngr | 1× | 30.00× | 1.00× | 0.75 | 22.50 | |
| | | 1× | 18.00× | 1.00× | 0.75 | 13.50 | |
| | kerb portion. | | | | | | |
| | 7th cls kalyan ngr(N/S) | 1× | 30.00× | 0.35× | 0.25 | 2.63 | |
| | | 1× | 30.00× | 0.35× | 0.25 | 2.63 | |
| | | 1× | 21.80× | 0.35× | 0.25 | 1.91 | |
| | 7th cls kalyan ngr(S/S) | 1× | 30.00× | 0.35× | 0.25 | 2.63 | |
| | | 1× | 30.00× | 0.35× | 0.25 | 2.63 | |
| | | 1× | 22.20× | 0.35× | 0.25 | 1.94 | |
| | 9th 9th cls kalyan ngr(S/S) | 1× | 30.00× | 0.35× | 0.25 | 2.63 | |
| | | 1× | 30.00× | 0.35× | 0.25 | 2.63 | |

Scanned with CamScanner

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 4th cls kalyan ngr | 1x | 30.00x | 1.50 | — | 45.00 | |
| | | 1x | 30.00x | 1.50 | — | 45.00 | |
| | | 1x | 6.70x | 1.50 | — | 10.05 | |
| | 11th cls kalyan ngr | 1x | 30.00x | 1.35 | — | 40.50 | |
| | | 1x | 18.00x | 1.35 | — | 24.30 | |
| | | | | | | 410.85 | $m^2$ |
| | providing and laying in position plain cement concrete of mix 1:4: with OPC cement @ 180 kgs, with 40mm & downsize graded granite metal coarse aggregates @ 0.85 cum & fine aggregates 0.5+ cum machine mixed, concrete laid in layers not exceeding 15 cms thick. It is completed as per specification. | | | | | | |

Checked

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಿಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಕಲ್ಯಾಣನಗರ, ಬೆಂಗಳೂರು

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**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

66465

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 7th cls Kalyan nagar (N/s) | 1× | 30.00× | 1.00× | 0.15 | 4.50 | |
| | | 1× | 30.00× | 1.10× | 0.15 | 4.95 | |
| | | 1× | 21.80 | 1.10× | 0.15 | 3.59 | |
| | 7th cls Kalyan nagar (S/s) | 1× | 30.00× | 1.10× | 0.15 | 4.95 | |
| | | 1× | 30.00× | 1.10× | 0.15 | 4.95 | |
| | | 1× | 22.20 | × 1.15× | 0.15 | 3.83 | |
| | 9th cls Kalyan nagar (S/s) | 1× | 30.00× | 1.15× | 0.18 | 6.21 | |
| | | 1× | 30.00× | 1.15× | 0.15 | 5.18 | |
| | | 1× | 6.70 | × 1.15× | 0.15 | 1.15 | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 11th cls kalyan nyr. | 1× | 30.00× | 1.00× | 0.15 | 4.50 | |
| | | 1× | 18.00× | 1.00× | 0.15 | 2.70 | |
| | Kerb portion | 1× | 30.00× | 0.30× | 0.10 | 0.90 | |
| | 7th cls kalyan nyr(N/s) | 1× | 30.00× | 0.30× | 0.10 | 0.90 | |
| | | 1× | 21.80× | 0.30× | 0.10 | 0.65 | |
| | 7th cls kalyan nyr(S/s) | 1× | 30.00× | 0.30× | 0.10 | 0.90 | |
| | | 1× | 30.00× | 0.30× | 0.10 | 0.90 | |
| | | 1× | 22.20× | 0.30× | 0.10 | 0.66 | |
| | | | | | | 51.42 $m^3$ | |

Providing and laying in position plain cement concrete of mix M20 with opc cement @ 300 kgs, with 20mm & downsize graded granite metal coarse aggregates @ 0.69 cum & fine aggregates

Cl 6.1.2

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಹೆಬ್ಬಾಳ್ಳ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಕಂಠೀರವನಗರ, ಬೆಂಗಳೂರು

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**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. .....

66466

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | @ 0.43 cum, with Super machine mixed, concrete laid in layers not exceeding 15 cms thick. It is completed as per specification. | | | | | | |
| | Drain Reft concrete | | | | | | |
| | 7th cls Kalyan ngr(N/S) | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 0.18 | 5.94 | |
| | | 1 | 21.80 | 1.10 | 0.18 | 4.32 | |
| | 7th cls Kalyan ngr(S/S) | 1 | 30.00 | 1.10 | 0.20 | 6.60 | |
| | | 1 | 30.00 | 1.10 | 0.18 | 5.94 | |
| | | 1 | 22.20 | 1.10 | 0.18 | 4.39 | |
| | 9th cls Kalyan ngr (S/S) | 1 | 30.00 | 1.10 | 0.18 | 5.94 | |
| | | 1 | 30.00 | 1.10 | 0.18 | 5.94 | |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1x | 6.70x | 1.10x | 0.18 | 1.32 | |
| | 11th cls kalyan ngr(S/S) | 1x | 30.00x | 1.00x | 0.15 | 4.50 | |
| | | 1x | 18.00x | 1.00x | 0.15 | 2.70 | |
| | kerb portion | 1x | 30.00x | $\frac{0.1+0.2}{2}$ | 0.35 | 1.57 | |
| | 7th cls kalyan ngr(N/S) | 1x | 30.00x | $\frac{0.2+0.1}{2}$ x | 0.35 | 1.58 | |
| | | 1x | 21.80x | 0.15 x | 0.35 | 1.14 | |
| | 7th cls kalyan ngr (S/S) | 1x | 30.00x | 0.15 x | 0.35 | 0.15 | |
| | | 1x | 30.00x | 0.15 x | 0.35 | 0.57 | |
| | | 1x | 22.20x | 0.15 x | 0.35 | 1.16 | |
| | | 1x | 30.00x | 0.15x | 0.35 | 1.57 | |
| | | 1x | 6.70x | 0.15x | 0.35 | 0.35 | |
| | B/W foundation of house & drain | 1x | 30.00x | 0.15x | 0.35 | 1.57 | |
| | | 1x | 30.00x | 0.15x | 0.15 | 0.68 | |

Scanned with CamScanner

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. ..... 66467

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions: Length | Dimensions: Breadth | Dimensions: Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | 30.00 | 0.15 | 0.15 | 0.68 | |
| | | 1 | 21.80 | 0.15 | 0.15 | 0.49 | |
| | | 1 | 30.00 | 0.15 | 0.15 | 0.68 | |
| | | 1 | 30.00 | 0.15 | 0.15 | 0.67 | |
| | | 1 | 22.20 | 0.15 | 0.15 | 0.49 | |
| | | 1 | 30.00 | 0.15 | 0.15 | 0.68 | |
| | | 1 | 30.00 | 0.15 | 0.15 | 0.67 | |
| | | 1 | 6.70 | 0.15 | 0.15 | 0.15 | |
| | | 1 | 18.00 | 0.15 | 0.15 | 0.40 | |
| | | | | | | 68.64 $m^3$ | |
| | Kerb position vide #66469 (+) | | | | | 4.69 | |
| | | | | | | 73.33 $m^3$ | |

Chd 12/3/15

12/3/15

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

24/3/15

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 5. | providing and Removing centering, shuttering, Strutting proping & and removal of form work for vertical surface such as walls of any thickness, including attatched Pilasters. buttres, plinth cills & string course etc complted as per specification | | | | | | |
| | 7th cls kalyan ngr (N/S) | 2x2x | 30.00x | 0.90 | — | 108.00 | |
| | | 2x2x | 30.00x | 0.95 | — | 108.00 | |
| | | 2x2x | 21.80x | 0.95 | — | 82.84 | |
| | 7th cls kalyan ngr (S/S) | 2x2x | 30.00x | 0.95 | — | 114.00 | |
| | | 2x2x | 30.00x | 0.95 | — | 114.00 | |
| | | 2x2x | 22.20x | 0.95 | — | 84.36 | |
| | 9th cls kalyan ngr (S/S) | 2x2x | 30.00x | 0.95 | — | 114.00 | |
| | | 2x2x | 30.00x | 0.95 | — | 114.00 | |

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**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. ..... 66468

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Providing T.M.T. Steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining member wherever necessary. It is completed as per specification. | 2x2x | 6.40x | 0.95 | - | 25.46 | |
| | | 1x2x | 30.00x | 0.60 | - | 36.00 | |
| | | 1x2x | 18.00x | 0.60 | - | 21.66 | |
| | | | | | | 922.26 | |
| | | | | | | 928.26 $m^2$ | |

Vide Pakalpa wyr 11th cl 1 (S|S)

12/3/18

12/3

12/3

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ಕೃಷ್ಣ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು-560 043

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Total length of drain in 7th & 9th cross Kalyan nagar | | | | | | |
| | = 81.80 + 82.20 + 66.70 = 230.70m. | | | | | | |
| | Main bar : 10 mm ϕ @ 0.10cm clc spacing. | | | | | | |
| | | | 2310 × | 2.40 × | 0.62 kg/m = | 3437.28 kg | |
| | distribution bar | | | | | | |
| | For bed : 230.70 × | | | | | | |
| | | | 6 × | 230.70 × | 0.62 kg/m | 858.204 kg | |
| | For sidewall | | 2 × 5 × | 230.70 × | 0.62 kg/m | 1430.34 kg. | |
| | Total length of drain in 11th cls Kalyan nagar = 48m | | | | | | |
| | Main bar 10mm ϕ | | 480 × | 1.3 × | 0.62 kg/m = | 0.386 | 386.88 |

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**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

Serial No. .....

Name of work ..... From ..... To ..... 66469

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions: Length | Dimensions: Breadth | Dimensions: Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | distribution bar for bed | 6 × | 48.00 | @0.62kg/m | — | 178.56 kg | |
| | Side wall | 3 × | 48.00 | × 0.39 kg/m | — | 89.28 kg. | 56.16 |
| | Strengthening of existing house foundation | | | | | | |
| | 9th cls main distribution | 58 × | 8.00 | × 0.45 × 0.62 kg/m | — | 0.129 kg | 129.45 |
| | | 8 × 4 × | 7.00 | × 0.62 kg/m | — | 0.138 kg. | 138.68 |
| | 7th cls : main distribution | 13 × 7 0 × | 0.50 | × 0.62 kg/m | — | 0.282 kg | 28.21 |
| | | 13 × 4 × | 7.50 | × 0.62 kg/m | — | 0.242 kg | 241.8 |
| | | | | | | 7123 kg | 7116.46 |
| | | | | | Say | 7.12 Tonne | 12/3 |

Checked

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Continued | from pg # 66467 | | | | | | |
| M20 | for kerb portion (Ramp) | | | | | | |
| | | 1 × | 30.00 × | 0.10 × | 0.30 | 0.90 | |
| | | 1 × | 30.00 × | 0.10 × | 0.30 | 0.90 | |
| | | 1 × | 21.80 × | 0.10 × | 0.25 | 0.545 | |
| | | 1 × | 30.00 × | 0.10 × | 0.30 | 0.90 | |
| | | 1 × | 30.00 × | 0.10 × | 0.30 | 0.90 | |
| | | 1 × | 22.20 × | 0.10 × | 0.30 | 0.55 | |
| | | | | | | 4.69 m³ | 12/3 |

Checked

12/3/18

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1. | Earthwork excavation by manual means in ordinary soil involving in average horizontal through upto 2m & an average lift upto 1.5m. excavated surface levelled & sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods. It is completed as per specification. Vide qty pg# 66464 | | | | | 354.61 $m^3$ | 61333.35 |
| | | | @ Rs. 175.96/$m^3$ | | | — | Rs. 62397=00 |
| 2. | Removing BS slab drain and stacking. It is completed as per specification Vide pg # 66464 | | | | | 410.85 $m^2$ | |
| | | | @ Rs. | 65.72/$m^2$ | | — | Rs. 27000=00 |

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